

54th Annual Epidemic Intelligence Service (EIS) Conference

April 11–15, 2005

Centers for Disease Control and Prevention

Atlanta, Georgia





2005 EIS Conference Preliminary Program

Monday, April 11, 2005

7:30 Registration Desk Opens

8:15 Welcome and Call to Order — Stephen B. Thacker, Director, Office of Workforce and Career Development

8:30 Session A: Let the Games Begin: A Tapestry of EIS Presentations Moderators: Julie L. Gerberding and Stephen B. Thacker

- 8:35 More for the Money? Differences in the Prevalence of Adult Obesity by Income Level---United States, 1999--2002. *Allison A. Hedley*
- 9:15 All Roads Lead to Roma: Multi-State Outbreak of Salmonella Braenderup Infections Associated with Roma Tomatoes---Northeastern United States, 2004. Sundeep K. Gupta
- 9:35 Surveillance for Epidemic Disease Among Internally Displaced Persons---Darfur, Sudan, 2004. *Ondrej Mach*
- 9:55 Botulism Related to Cosmetic Injections of Botulinum Toxin Type A---Florida, 2004. Daniel S. Chertow

10:15 BREAK

10:45 Session B: We Can Work it Out: Occupational Safety & Health

Moderator: John Howard

- 10:50 Workplace Homicide---Alaska, 1990--2003. Rebecca S. Noe
- 11:10 Pneumoconiosis mortality---United States, 1968--2000. Vinicius C. Antao
- 11:30 Exposure to Unsuspected Brucella suis Isolates in a Microbiology Laboratory---Louisiana, 2004. *Peter J.E. Vranken*
- 11:50 Headache and Dizziness in Cosmetology School Students---California, 2004. *Austin D. Sumner*

12:15 LUNCH

12:30 Monday--Wednesday Poster Session — Meet the Authors, Ravinia Ballroom. (All posters in the Conference will be on display Monday, 9:00 a.m.--Wednesday, 5:00 p.m.) (The following authors will be present to discuss their studies on Monday, 12:30-1:30 p.m.)

Poster Session: The Germinators: Bacterial Diseases

- P1. A Large Outbreak of Cryptosporidiosis and Escherichia coli O111 Infections Associated with Consumption of Unpasteurized Apple Cider---New York, 2004. *Fatima Coronado*
- P2. Resistance on the Rise: Outbreak of Multidrug-Resistant Salmonella Typhimurium DT104 Linked to Ground Beef---Northeastern United States, 2003--2004. *Amy M. Dechet*
- P3. Salmonella-Rians at the Gate: The Fall of the Roma Empire? Multi-state Outbreak of Salmonellosis associated with Consumption of Roma Tomatoes, July 2004. *Amy E. DuBois*
- P4. Methicillin-resistant Staphylococcus aureus in Two Neonatal Intensive Care Units----Washington, DC, 2004. *Sukminder K. Sandhu*
- P5. Outbreak of Cutaneous Bacillus cereus Infections among Cadets at a Military University----Georgia, 2004. *Carrie M. Shuler*
- P6. Joint Public Health and Law Enforcement Investigation of Tularemia after the Republican National Convention---New York City, 2004. *Benjamin W. Tsoi*

Poster Session: From Here to Eternity: Chronic Diseases

P7. Evaluation of Alternative Methods for Characterizing Air Quality to Estimate Population Exposures---Wisconsin. *Dawn H. Burmeister*

- P8. Family History: Its Link with Coronary Heart Disease, Related Conditions, and Risk-Reducing Behaviors. *Shauna Lyn*
- P9. Age-related Eye Diseases and Visual Impairment---United States, 2002. Asel A. Ryskulova
- P10. Complementary and Alternative Medicine Use among Adults with Diagnosed Diabetes---United States, 2002. *Sharon H. Saydah*

Poster Session: All Over the World: International Health

- P11. High Seroprevalence and Active Infection with Schistosomiasis and Strongyloidiasis in the Lost Boys of Sudan Refugee Group---Arizona, 2004. *Brian G. Blackburn*
- P12. Costly adverse reactions to lymphatic filariasis treatment---Leogane, Haiti, 2004. *Natasha S. Hochberg*
- P13. Knowledge, Attitudes, and Practices Regarding Latrine Utilization as part of a Trachoma Control Program---Ethiopia, 2004. *Rosalyn E. O'Loughlin*
- P14. Risk of Secondary Transmission from Imported Lassa Fever---New Jersey, 2004. Esther T. Tan

1:30 Session C: Surf's Up!: Leisure & Hobby-Associated Investigations Moderator: Laura J. Fehrs

- 1:35 Travel and Tribulations: An Explosive Outbreak of Legionellosis among Guests of a Hotel---Oklahoma, 2004. *Lauri A. Hicks*
- 1:55 International Outbreak of Shigella sonnei among Airline Passengers---Honolulu, Hawaii, August 2004. *Kate Gaynor*
- 2:15 Scombroid from Escolar Consumption---Washington, 2004. Eric M. Sergienko
- 2:35 A Massive International Outbreak of Gastroenteritis with Multiple Etiologies among Resort Island Visitors and Residents---Ohio, 2004. *Ciara E. O'Reilly*

3:00 BREAK

3:15 Session D: I've Got You Under My Skin: Vaccine Preventable Diseases Moderator: Melinda Wharton

Presentation of the lain C. Hardy Award

- 3:20 Risk Factors for Death from Invasive Pneumococcal Disease---United States, 2001--2003. Deron C. Burton
- 4:00 Invasive Haemophilus Influenzae Disease in the Era of Hib Vaccine---United States, 1998-- 2002. *Michelle A. Chang*
- 4:20 Projected Cost-Effectiveness of Rotavirus Vaccination of Children---Asia. Laura J. Podewils
- 4:40 Investigation of Deaths and Serious Illnesses following Influenza Vaccination---Michigan, October 2004. *Alison M. Rue*
- 5:00 Bacterial Meningitis in the United States---2002--2003. Michael C. Thigpen

5:30 Cash-Bar Social, Crowne Plaza Ravinia, Room TBD

Tuesday, April 12, 2005

8:30 Concurrent Session E1 (Ravinia Ballroom): Strangers in the Night: HIV and STDs Moderators: John Douglas and Rob Janssen

- 8:35 Can Data from Programs for the Prevention of Mother-to-Child Transmission of HIV be used for HIV surveillance?---Kenya, 2003. *Nicole Seguy*
- 8:55 HIV Transmission among Black Male College Students Who Have Sex with Men---North Carolina, 2003. *Linda Ahdieh-Grant*
- 9:15 Labeling Changes following an Investigation of Inadvertent Administration of a Non-Standard Penicillin Regimen for Syphilis---Los Angeles, 2004. *Michael E. Greenberg*
- 9:35 HIV Transmission among Black Women---North Carolina, 2004. Fatu M. Forna

9:55 Rapid Ethnographic Assessment of HIV/AIDS: Garifuna communities---Honduras, 2004. Miriam Sabin

8:30 Concurrent Session E2 (Dunwoody Suites): Gone with the Wind: Respiratory Illnesses Moderators: Tim Uyeki and Cindy Whitney

- 8:35 Hantavirus Pulmonary Syndrome---Randolph County, West Virginia, July 2004. *Julie R. Sinclair*
- 8:55 The Burden of Respiratory Syncytial Virus Infections among Patients Hospitalized with Pneumonia---Rural Thailand. *Natalie M. Keeler*
- 9:15 Community Outbreak of Legionnaires' Disease among Nursing Home Residents and Others--North Carolina, 2004. *Christina R. Phares*
- 9:35 An Alternate Approach to Syndromic Surveillance for Early Detection of Inhalational Anthrax Cases. *Elizabeth M. Begier*
- 9:55 Investigation of Risk Factors for Fatal Asthma among Children---Baltimore, Maryland, 2003--2004. *Michael E. King*

10:15 BREAK

10:45 Concurrent Session F1 (Ravinia Ballroom): Natural Woman: Reproductive and Women's Health

Moderator: Colleen Boyle

- 10:50 Pregnancy Planning and Lifestyle Behaviors among Nonpregnant Women of Childbearing Age---Southern California, 1998--2000. *Kathleen G. Raleigh*
- 11:10 Validity of a Clinical Screening Tool and Total Lymphocyte Count to determine Advanced HIV Disease in Pregnant Women---Cape Town, South Africa, 2004. *Chineta R. Eure*
- 11:30 Lower Rates of Preterm Birth in Women of Arab Ancestry: an Epidemiologic Paradox---Michigan, 1993–2002. *Darline K. El Reda*
- 11:50 Reported Use of Human Papillomavirus Tests for Approved and Non-Approved Indications by Primary Care Clinicians---United States, 2004. *Zsakeba T. Henderson*

10:45 Concurrent Session F2 (Dunwoody Suites): In Harm's Way: Injury Epidemiology Moderator: Jim Mercy

- 10:50 Rapid Assessment of the Needs and Health Status after Hurricane Ivan---Santa Rosa and Escambia Counties, Florida, 2004. *Tesfaye M. Bayleyegn*
- 11:10 Adolescent Suicide---Maine, 2004. Victor Balaban
- 11:30 An Evaluation of Death Certificate-Based Surveillance for Traumatic Brain Injury--- Oklahoma, 2002. Sara J. Russell
- 11:50 Nonfirearm-Related Homicides---New Mexico, 2001--2003. Neely N. Kazerouni

12:15 LUNCH

12:30 Special Session (Room TBD): National Center on Birth Defects and Developmental

Disabilities Moderator: TBD Participants: TBD

12:30 Monday--Wednesday Poster Session — Meet the Authors, Ravinia Ballroom. (All posters in the Conference will be on display Monday, 9:00 a.m.--Wednesday, 5:00 p.m.)

1:45 Session G: It's a Small World After All: International Health

Moderators: Linda Venczel and Brad Woodruff Presentation of the Paul C. Schnitker Award

- 1:50 Emergence of Community Strains of Methicillin-Resistant Staphylococcus aureus as a Potential Cause of Healthcare-Acquired Infections---Uruguay, 2002--2004. Stephen R. Benoit
- 2:10 Yellow Fever Immunization Coverage in Host Communities for Internally Displaced Persons ---Liberia, 2004. *Jennifer A. Brown*

- 2:30 Diphtheria--Haiti, 2004. Amanda C. Cohn
- 2:50 Health-Care Costs of Rotavirus Diarrhea and Cost-Effectiveness of Rotavirus Immunization---Vietnam. *Thea K. Fischer*
- 3:10 Impact of Haemophilus Influenzae Type B Conjugate Vaccine---Dominican Republic, 2004. Ellen H. Lee
- 3:30 Emergency Nutrition Assessment---Darfur, Sudan, 2004. *Tami Zalewski*

4:00 BREAK

6:00 Prediction Run, Brook Run Park

Wednesday, April 13, 2005

8:30 Concurrent Session H1 (Ravinia Ballroom): Paint by Numbers: Peavy Award Finalists Moderator: Donna F. Stroup

- 8:35 Brachial Neuritis Associated with Childhood Vaccines: Do We Know What We Think We Know? *Angela Calugar*
- 8:55 Adverse Events in HIV-infected Patients receiving Antiretroviral Therapy in a Treatment Program in a Nairobi Slum---Kenya, 2003--2004. *Andrea A. Kim*
- 9:15 Prevalence of Meeting Physical Activity Recommendations as a Predictor of State Obesity Prevalence---United States, 2003. *Karen K. Lee*
- 9:35 Maternal Smoking Is Associated with Increased Odds of Childhood Overweight---United States, 1996--2003. *Andrea J. Sharma*
- 9:55 Weight Regain in Persons Successful at Substantial Weight Loss---United States, 1999--2002. Edward C. Weiss

8:30 Concurrent Session H2 (Dunwoody Suites): Obesity/Physical Activity Moderator: David Freedman

- 8:35 Cluster of Deaths in a Bariatric Surgery Program--San Juan, Puerto Rico 2004. Brett B. Cauthen
- 8:55 Family History of Diabetes, Obesity, and Diabetes-preventing Behaviors---United States, 2004. Susan Hariri
- 9:15 Chewing The Fat: Do Health Care Professionals Talk to Their Pediatric Patients about Weight Status? *Carolyn J. Tabak*
- 9:35 Physical Education and Sufficient Physical Activity Levels Among High School Students---United States, 2003. *Eric A. Miller*
- 9:55 Ecological Relationship between Physical Inactivity and Diabetes Across States---United States, 2003. Sanjeeb Sapkota

10:15 BREAK

10:30 Concurrent Session I1 (Ravinia Ballroom): Wild Thing: Investigations Associated with Pets and Animals

Moderators: David Addiss and Patricia Griffin

- Presentation of the James H. Steele Award
- 10:35 Why is the Lake Killing our Dogs? Harmful Algal Blooms---Nebraska, 2004. Zandra H. Duprev
- 10:55 Outbreak of E. coli O157:H7 at a State Fair---North Carolina, 2004. Brant B. Goode
- 11:15 Outbreak of Multidrug-Resistant Salmonella Typhimurium Infections Associated with Small Rodents Purchased at Retail Pet Stores---United States, December 2003--October 2004. Stephen J. Swanson
- 11:35 New War against Raccoon Rabies---Ohio, 2004. Mysheika LeMaile-Williams

10:30 Concurrent Session I2 (Dunwoody Suites): Separate and Unequal: Health Disparity Investigations

Moderator: Walter W. Williams

- 10:35 Racial Disparities in the Incidence of End-Stage Renal Disease---Georgia--2002. Karon Abe
- 10:55 Immunization Assessment in Four Women, Infants, and Children Clinics---Colorado.

Tista S Ghosh

- 11:15 Hepatitis A Before and After Universal Childhood Vaccination Recommendations---Oregon, 1996--2004. Sean D. Schafer
- 11:35 Just One More Visit: Achieving >90% Vaccination Coverage and Reducing Racial Disparities with One Catch-Up Visit---United States, 2003. *Tom T. Shimabukuro*

12:00 LUNCH

12:30 Monday—Wednesday Poster Session. Meet the Authors, Ravinia Ballroom. (All posters in the Conference will be on display Monday, 9:00 a.m.--Wednesday, 5:00 p.m.) (The following authors will be present to discuss their studies on Wednesday, 12:30-1:30 p.m.)

Poster Session: Can't Take My Eyes Off of You: Surveillance Analyses

- P15. Leptospirosis: A Seroprevalence Survey on American Samoa, 2004. Kirk P. Winger
- P16. Wound Infections: An Important Cause of Vibrio Morbidity and Mortality---United States, 1997--2003. *Amy M. Dechet*
- P17. Adverse Drug Events Presenting to a Nationally Representative Sample of Hospital Emergency Departments---United States, 2003. *Aaron .B Mendelsohn*
- P18. Eating Dinner with Family Associated with Decreased Risk for Delinquent Behaviors and Depression and Increased Likelihood of Fruit and Vegetable Intake. *Jonathan H. Siekmann*

Poster Session: Infection Detection: Tuberculosis Investigations

- P19. Genotyping Identifies Ongoing Mycobacterium tuberculosis Transmission Associated with Delayed Diagnosis---Mississippi, 1996--2004. *Rana Jawad Asghar*
- P20. Assessing Risk for Latent Tuberculosis Infection: Validation of a Novel Risk Assessment Tool---Tennessee, 2004. *Kevin P. Cain*
- P21. Nosocomial Mycobacterium tuberculosis Transmission in a Newborn Nursery and Maternity Ward---New York City, 2003. *Alyssa M. Finlay*
- P22. Investigation of an Increase in Tuberculosis Cases in Children Aged <5 Years---Maricopa County, Arizona, 2002--2003. *N. Sarita Shah*

Poster Session: Bloodsuckers: Vector Borne Diseases

- P23. Age and Sex as Risk Factors for West Nile Virus Neuroinvasive Disease in Children. Lora Davis
- P24. Rash in West Nile Virus Infection Associated with Improved Prognosis---Colorado, 2003.

 Davna D. Ferguson
- P25. Assessment of Community Knowledge and Practices following Outbreak Investigation and Control Efforts for Rocky Mountain Spotted Fever---Arizona, 2004. *Elizabeth J. Melius*
- P26. Knowledge, Attitudes, and Behaviors Regarding Lyme Disease Prevention: Summary of Surveys Conducted in Seven Communities in the Northeastern United States. *Larissa A. Minicucci*

Poster Session: Health Planning

- P27. Disparities in Testing for HIV by Race/Ethnicity and Risk Status---Los Angeles County, 2002. Elizabeth A. Baraban
- P28. What Works in Public Health: The Evidence Base for Preventing Disease, Injury and Disability. *Karen E. Gieseker*
- P29. Risk factors for death among patients with plague---United States, 1960--2003. *J. Erin Staples*
- P30. How Much Do Binge Drinkers Really Drink? Ernest E. Sullivent

1:30 Session J: Nowhere Man: Vulnerable Population Investigations Moderator: Alyssa Easton

- 1:35 Incarcerating Hepatitis B: An Outbreak Demonstrates the Importance of Vaccination in Correctional Settings. *Rose A. Devasia*
- 1:55 Streptococcus Pneumoniae Serotype 12F Outbreak in a Homeless Population---California, 2004. Ellen H. Lee
- 2:15 Pertussis Outbreak at a Summer Camp for HIV-Infected Children---Nebraska, 2004.

 Anand Date
- 2:35 Chronic Abdominal Pain, Schistosomiasis, and Strongyloidiasis among the Lost Boys and Girls of Sudan Refugee Group. *Drew L. Posey*
- 2:55 Elevated Blood Lead Levels in Refugee Children---New Hampshire, 2004. *Rachel N. Plotinsky*
- 3:15 Health of Sheltered Homeless Persons---New York City, 2001-2003. Benjamin W. Tsoi

3:45 BREAK

4:00 Announcement of Langmuir Prize Winner

Session K: Alexander D. Langmuir Memorial Lecture and Reception – Sponsored by the EIS Alumni Association and the Epidemic Intelligence Service Office

Speaker: Alexander C. Wagenaar, PhD,

Department of Epidemiology & Health Policy Research and Institute for Child

Health Policy

University of Florida, College of Medicine

Topic:

5:30 EIS Alumni Association Meeting (Room TBD)

7:30 International Night (Room TBD)

Sponsored by the Training in Epidemiology and Public Health Interventions Network (TEPHINET)

7:30 Session L: International Night Moderator: Stephen B. Blount

Nosocomial Burkholderia cepacia Infections Associated with Exposure to Sublingual Probes—Texas, 2004. *Richard A. Taylor*

Additional presentations and posters TBD

9:35 Presentation of William H. Foege Award Closing Remarks Reception

Thursday, April 14, 2005

8:30 Session M: Young Frankenstein: Mackel Award Finalists Moderators: Both Boll and Carol Public

Moderators: Beth Bell and Carol Rubin

- 8:35 Case-Control Study of an Acute Aflatoxicosis Outbreak---Kenya, 2004. Eduardo Azziz-Baumgartner
- 8:55 An Outbreak of Rocky Mountain Spotted Fever Associated with a Novel Tick Vector, Rhipicephalus Sanguineus, on an American Indian Reservation----Arizona, 2004. Linda J. Demma
- 9:15 Outbreak of Burkholderia Cepacia Associated with the Use of Multi-Dose Albuterol for Nebulization Therapy---Missouri, 2004. *Concepcion F. Estivariz*

- 9:35 Replacement Pneumococcal Disease: Increase in Non-Vaccine Type Disease in the Era of Widespread Pneumococcal Conjugate Vaccination---United States, 1998--2003.

 Lauri A. Hicks
- 9:55 Rabies Virus Transmission by Solid Organ and Tissue Transplantation---Texas, 2004. Anna M. Likos

10:15 BREAK

10:30 Session N: Mercy Mercy Me (The Ecology): Environmental Health Diseases Moderator: Henry Falk

- 10:35 Lead Exposure Among Adults and Children Using a Volunteer-Operated Indoor Firing Range---Alaska, 2004. *Marc-Andre R. Chimonas*
- 10:55 Outbreak of Thyrotoxicosis---Uruguay, 2003--2004. Elizabeth J. Conrey
- 11:15 Residential Exposures to Hydrogen Sulfide and Respiratory Outcomes---Warren, Ohio, 2004. *Preethi L. Rao*
- 11:35 Identifying Housing that Poisons: A Critical Step in Eliminating Childhood Lead Poisoning--- Chicago, 1997--2003. *Nimia L. Reves*

12:00 LUNCH

12:30 Special Session (Room TBD): National Center for Infectious Diseases

Moderator: TBD Participants: TBD

1:30 Session O: Every Breath You Take: Tuberculosis Investigations Moderator: Ken Castro

- 1:35 Tuberculosis Outbreak among Young Marijuana Hotboxers---Seattle, Washington, 2004. *John E. Oeltmann*
- 1:55 Time in the United States as a Method of Assessing Risk for Tuberculosis Disease among Foreign-Born Persons---Tennessee, 2004. *Kevin P. Cain*
- 2:15 Clinical Outcomes of Multidrug-Resistant Tuberculosis Patients Treated Under the WHO DOTS-Plus strategy---Estonia, 2001--2002. *Alyssa M. Finlay*
- 2:35 Tuberculosis Outbreak in a Low-Incidence State---Allen County, Indiana, 2001--2004. Kathrine Tan
- 2:55 Tuberculosis Contact Identification---Louisiana, 2004. Peter J. E. Vranken

3:15 BREAK

3:30 Session P: General Hospital: Nosocomial Infections Moderator: Michele Pearson

- 3:35 Outbreak of Bukholderia Cepacia Pseudobacteremia Associated with Nonsterile Practices of Phlebotomists---Chicago, 2004. *Lyn James*
- 3:55 Transmission of Hepatitis C Virus at a Pain Remediation Clinic---San Diego, California 2003. Mark C. Janowski
- 4:15 A Hospital Outbreak of Diarrhea Reveals Emergence of an Epidemic Strain of Clostridium Difficile---Maine, 2003. *Sophia V. Kazakova*
- 4:35 Pseudomonas Aeruginosa Outbreak in a Neonatal Intensive Care Unit---Illinois, 2004. Kathleen A. Ritger

8:30 EIS Satirical Revue, Ravinia Ballroom Presentation of Philip S. Brachman Award

Friday, April 15, 2005

8:30 Session Q: He Sees You When You're Sleeping: Surveillance Presentations Moderator: Denise Koo

- 8:35 Outbreak of Invasive Pneumococcal Disease Detected by Surveillance---Rural Alaska, 2003--04. *Laura L. Hammitt*
- 8:35 Evaluation of Surveillance for Reportable Neisseria Meningitidis Invasive Disease---lowa, 2002--2003. *Luca Flamigni*
- 9:15 Assessment of Post-Tropical Storm Jeanne Disease Surveillance---Gonaives, Haiti, 2004. Seema Jain
- 9:35 Reporting of Nosocomial Outbreaks of Acute Gastroenteritis---Georgia, 2002--2004. Eileen W. Lau

10:00 BREAK

10:15 Presentation of Awards

Mackel Award Virgil Peavy Award Poster Awards

10:30 Session R: Late-Breaking Reports. Moderator: Doug Hamilton

- 10:35 Latebreaking Report TBD
- 10:45 Latebreaking Report TBD
- 10:55 Latebreaking Report TBD
- 11:05 Latebreaking Report TBD
- 11:15 Latebreaking Report TBD
- 11:25 Latebreaking Report TBD
- 11:35 Latebreaking Report TBD
- 11:45 Latebreaking Report TBD

12:00 LUNCH

12:30 Special Session (Room TBD): Office of Workforce and Career Development

Moderator: TBD Participants: TBD

1:30 Session S: Pièce de Résistance: Antimicrobial Resistance and Practice Patterns Moderator: Jo Hoffman

- 1:35 Impact of Multidrug-Resistant Acinetobacter Infections on Mortality and Length of Hospitalization---Maryland, 2002--2004. *Rebecca H. Sunenshine*
- 1:55 Recurrent Nosocomially Acquired, Community-Associated, Methicillin-Resistant Staphylococcus Aureus Infections in a Well-Baby Nursery---Los Angeles County, 2003-2004. *Dao M. Nguyen*
- 2:15 Patient Satisfaction and Antibiotic Use for Acute Upper Respiratory Tract Infections---- Wisconsin, 1999--2003. *Alexandra P. Newman*
- 2:35 Surveillance of Antimicrobial Susceptibility of Invasive Streptococcus pneumoniae---Chicago, Illinois. *Lyn James*
- 2:55 Prevention of Neonatal Candidemia: Description of Current Antifungal Prophylaxis Practices of Neonatologists---United States, 2004. *Lauren A. Burwell*

3:15 Closing Remarks and Adjournment – Stephen B. Thacker, Director, Office of Workforce and Career Development